

*Lilburn*



RECEIVED  
AT 2 FEB 59  
C.M.

# Borough of Tamworth



# ANNUAL REPORTS

of the

## Medical Officer of Health

and the

## Senior Public Health Inspector

*For the Year Ended 31st December, 1957.*

---

PUBLIC HEALTH DEPARTMENT,  
9, LADY BANK,  
TAMWORTH.

Tamworth Herald Co., Ltd., Printers.





Borough of Tamworth

---

# ANNUAL REPORTS

of the

## Medical Officer of Health

and the

## Senior Public Health Inspector

*For the Year Ended 31st December, 1957.*

---

PUBLIC HEALTH DEPARTMENT,  
9, LADY BANK,  
TAMWORTH.



# Borough of Tamworth

---

## PUBLIC HEALTH COMMITTEE

---

ALDERMAN F. W. MORGAN, M.B.E., Chairman.

COUNCILLOR J. T. BETTERIDGE, Vice-Chairman.

ALDERMAN E. A. COURTS (Mayor)	ALDERMAN H. V. POWELL
----------------------------------	-----------------------

ALDERMAN R. M. TURNER

COUNCILLOR F. A. ALLSOPP	COUNCILLOR B. BROWN
--------------------------	---------------------

,, E. COLLINS	,, M. T. A. MATTHEWS
---------------	----------------------

,, K. MUGLESTON	,, MRS. N. FRENCH
-----------------	-------------------

COUNCILLOR F. A. WOOD

---

Medical Officer of Health :

A. FARNHILL MORGAN, M.B., B.S., L.R.C.P., L.R.C.S., D.P.H

Senior Public Health Inspector :

H. BIRCHWOOD, C.S.I.B., M.A.P.H.I.,

Cert. Insp. of Meat and Foods.

Additional Public Health Inspector :

G. E. WEBB, C.S.I.B.,

(Commenced November, 1957)

Health Visitors and School Nurses :

MISS E. M. E. HAGSTROM, S.R.N., S.C.M., H.V.Cert.

MRS. W. CLEMENTS, S.R.N., S.C.M., H.V.Cert.

**ANNUAL REPORT  
OF  
THE MEDICAL OFFICER OF HEALTH**

---

**To the Mayor, Aldermen and Councillors  
of the Borough of Tamworth**

Mr. Mayor, Lady and Gentlemen,

I beg to submit my report on the state of the Public Health in the Borough of Tamworth for the year 1957.

The Birth Rate was 13.6 and the Death Rate 13.9.

The Infant Mortality Rate was 38.4 whilst there were no deaths attributable to childbirth.

An outbreak of Measles affecting 94 children occurred during the year but school closure did not become necessary.

Seven cases of Poliomyelitis were notified. In each instance prompt action was taken by the Public Health Department to limit the spread of infection in the Borough.

The pandemic of Asian Influenza which swept the country in the Autumn reached Tamworth in September and continued throughout that and the following month.

The disease affected many persons and was responsible for a great deal of absenteeism.

In the majority of cases the infection was mild but an appreciable number of severe cases occurred and the disease was responsible for three deaths.

Twelve houses were demolished during the year. These houses were contained in the following Orders.

	No. of Houses
Tamworth (Lower Gungate) Clearance Order, 1956 ...	4
Tamworth (Church Street) Compulsory Purchase Order, 1956 ...	8
Total	<u>12</u>

Two houses—6 and 8, Lower Gungate, were dealt with under Section II of the Act—Demolition Orders made.

The following houses—7, Brewery Lane, and 5, Lichfield Street, were being dealt with under Section 16 of the Housing Act, 1957.

Towards the end of the year 68 dwellings, to be erected on the Lichfield Street site, were allocated for slum clearance purposes.

In connection with the above details of properties were submitted to the Health Committee with a view to representations being made at the appropriate time.

I would again thank members and officials of the Council for their continued help and co-operation and will now proceed with my Report.

A. FARNILL MORGAN,

MEDICAL OFFICER OF HEALTH.

STATISTICAL SUMMARY FOR THE YEAR 1957.

---

Area in Acres	...	...	...	...	...	2,678
Registrar General's estimate of resident population	...	...	...	...	...	13,350
(Census, 1951)	...	...	...	...	...	12,889
(Census, 1931)	...	...	...	...	...	11,711
(Census, 1921)	...	...	...	...	...	8,032
Number of Inhabited Houses (end of 1957) according to Rate Books	...	...	...	...	...	4,204
Number of Inhabited Houses (Census, 1951)	...	...	...	...	...	3,688
Number of Inhabited Houses (Census, 1931)	...	...	...	...	...	2,785
Persons per Acre	...	...	...	...	...	4.9
Rateable Value—December, 1957	...	...	...	...	£	153,938
Product of 1d. Rate—December, 1957	...	...	...	...	£	620

## VITAL STATISTICS

---

**Live Births—**

	Total.	Male.	Female.
Legitimate	179	95	84
Illegitimate	3	1	2
	<hr/>	<hr/>	<hr/>
	182	96	86
	<hr/>	<hr/>	<hr/>

Birth Rate 13.6.

**Still Births—**

	Total.	Male.	Female.
Legitimate	5	4	1
Illegitimate	—	—	—
	<hr/>	<hr/>	<hr/>
	5	4	1
	<hr/>	<hr/>	<hr/>

Still Birth Rate per 1,000 Population ... .37

Still Birth Rate per 1,000 live and still births ... 26.7

**Deaths from all Causes**

	Total.	Male.	Female.
	186	100	86
Death Rate per 1,000 Population	...	...	13.9

**Deaths of Infants under  
One Year of Age**

	Total.	Male.	Female.
Legitimate	7	5	2
Illegitimate	—	—	—
	<hr/>	<hr/>	<hr/>
	7	5	2
	<hr/>	<hr/>	<hr/>

**Deaths of Infants under  
Four Weeks of Age**

	Total.	Male.	Female.
Legitimate	3	3	—
Illegitimate	—	—	—
	<hr/>	<hr/>	<hr/>
	3	3	—
	<hr/>	<hr/>	<hr/>

**Death Rate of Infants under  
One Year of Age**

All Infants per 1,000 live births ... ... 38.4

Legitimate Infants per 1,000 legitimate live  
births ... ... ... ... 39.1

## CAUSES OF DEATH

		Male.	Female.
Tuberculosis, respiratory	...	3	—
Tuberculosis, other	...	—	—
Syphilitic disease	...	—	—
Diphtheria	...	—	—
Whooping Cough	...	—	—
Meningoccal infections	...	—	—
Acute Poliomyelitis	...	—	—
Measles	...	—	—
Other infective and parasitic diseases	...	—	—
Malignant Neoplasm, stomach	...	4	3
Malignant Neoplasm, lung, bronchus	...	3	1
Malignant Neoplasm, breast	...	—	—
Malignant Neoplasm, uterus	...	—	—
Other malignant and lymphatic neoplasms	...	13	10
Leukæmia, aleukæmia	...	—	—
Diabetes	...	1	3
Vascular lesions of nervous system	...	9	21
Coronary disease, angina	...	13	8
Hypertension with heart disease	...	3	—
Other heart disease	...	11	16
Other circulatory disease	...	4	4
Influenza	...	3	2
Pneumonia	...	1	4
Bronchitis	...	13	2
Other diseases of respiratory system	...	1	1
Ulcer of stomach and duodenum	...	3	—
Gastritis, enteritis and diarrhoea	...	—	1
Nephritis and nephrosis	...	1	—
Hyperplasia of prostate	...	2	—
Pregnancy, childbirth, abortion	...	—	—
Congenital malformations	...	1	1
Other defined and ill-defined diseases	...	8	8
Motor vehicle accidents	...	2	—
All other accidents	...	—	—
Suicide	...	1	1
Homicide and operations of war	...	—	—
 Totals, all causes ...		 100	 86
		<u><u>100</u></u>	<u><u>86</u></u>

INFECTIOUS DISEASES

The following table shows the number of cases notified together with the age groups.  
**INCIDENCE OF NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1957.**

Disease	Total Cases Notified										Cases Admitted to Hospital		
	Under 1 year	1 and under 2 years	2 and under 3 years	3 and under 4 years	4 and under 5 years	5 and under 10 years	10 and under 15 years	15 and under 20 years	20 and under 35 years	35 and under 45 years	45 and under 60 years	60 and over	Total Deaths
Smallpox	...	...	4	...	...	...	...	4	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	4	...	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	5	1	1	1	1	1	1	1	2	...	...	...	...
Measles	94	1	13	10	11	10	46	...	...	1	...	...	...
Meningococcal Infection	1	...	...	...	...	...	...	...	...	...	1	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	120	6	14	10	13	12	54	3	1	2	1	3	1

## FOOD POISONING

Food Poisoning Notifications (corrected) returned to R.G.:

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
—	I	—	—
Total, 1.			

Outbreaks due to Identified Agents:

Total outbreaks, Nil.	Total Cases, 1.
-----------------------	-----------------

Outbreaks of Undiscovered Cause:

Total outbreaks, Nil.	Total Cases, Nil.
-----------------------	-------------------

Single Cases:

Agent identified, Nil.	Unknown causes, 1.	Total, 1.
------------------------	--------------------	-----------

## DIPHTHERIA IMMUNISATION

**Primary injections :                      Boosters : (all ages)**

Under 5	... 145	68
5 to 14	... 3	

Number of children immunised as at 31st December, 1957.

Last course of injections given	Under 1 year	5 to 14
A. Since 1953	516	1,057
B. 1953 or earlier	—	917

## TUBERCULOSIS.

New Cases and Mortality during 1957.

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M		M	F	M	
0-1	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—
5-15	—	—	—	—	—	—	—	—
15-25	1	2	—	—	—	—	—	—
25-35	—	—	—	—	—	—	—	—
35-45	—	1	—	—	1	—	—	—
45-55	2	—	—	—	—	—	—	—
55-65	1	—	—	—	1	—	—	—
65 & over	—	—	—	—	1	—	—	—
TOTALS	4	3	—	—	3	—	—	—
		7	—		3		—	

## HOUSING

The following table gives details of the Council's post-war housing programmes.

	Fazeley Road				Amington Road				Gillway				Bolehall Estate		
	Allocated		Completed		Allocated		Completed		Allocated		Completed		Allocated		(Completed)
	No. of Houses	No. of Dwellings	No. of Houses	No. of Flats	No. of Houses	No. of Dwellings	No. of Houses	No. of Flats (Allocated)	No. of Flats (Completed)						
1947	48	66	31	42	40	52	—	—	—	—	—	—	—	—	—
1948	30	40	17	24	36	52	18	26	—	—	—	—	—	—	—
1949	48	60	2	2	—	—	58	78	—	—	—	—	—	—	—
1950	84	84	54	76	—	—	—	—	—	—	—	—	—	—	—
1951	—	—	106	106	—	—	—	—	118	28	146	—	—	—	—
1952	—	—	—	—	—	—	—	—	152	4	156	102	12	114	—
1953	—	—	—	—	—	—	—	—	74	28	102	168	24	192	—
1954	—	—	—	—	—	—	—	—	44	56	100	68	24	92	—
1955	—	—	—	—	—	—	—	—	—	—	—	33	43	86	—
1956	6	6	6	6	—	—	—	—	7	14	21	17	13	30	12
1957	—	—	—	—	—	—	—	—	—	—	—	7	4	11	—
	216	256	216	256	76	104	76	104	395	130	525	395	130	525	12

### Housing Applications :

List at 1st January, 1957—

	House-holders.	Lodgers.	Total.
Applicants residing in the Borough	132	310	442
Applicants residing outside Borough	173	221	394
	<u>305</u>	<u>531</u>	<u>836</u>

List at 31st December, 1957—

Applicants residing in the Borough	165	355	520
Applicants residing outside Borough	190	270	460
	<u>355</u>	<u>625</u>	<u>980</u>

## HOSPITALS

All hospitals in the Borough are included in the Lichfield, Sutton Coldfield and Tamworth Group under the Birmingham Regional Hospital Board and are as follows :—

- Tamworth General Hospital.
- St. Editha's Hospital.
- Tamworth Isolation Hospital.

## MATERNITY ACCOMMODATION

No maternity accommodation is provided at the Hospitals in the Borough.

## CLINIC AND TREATMENT CENTRES

These are under the County Council (except Tuberculosis and Orthopædic Clinics) since the 5th July, 1948.

- Infant Welfare Clinics are held twice weekly.
- A School Clinic is held weekly.
- An Ante-Natal Clinic is held weekly.
- Eye Clinics are held fortnightly.
- Dental Clinics are held weekly for expectant and nursing mothers, toddlers and school children.
- An Orthopædic Clinic is held weekly at the College Lane Schools.
- A Chest Clinic is held at St. Editha's Hospital.

## AMBULANCE SERVICE

An ambulance is stationed at Tamworth and is available during the daytime. The Lichfield ambulance is available at all other times.

## WATER SUPPLY

**Source of Supply.**—Well and bore hole at Hopwas Pumping Station. South Staffordshire Waterworks Company.

**Gallons Pumped during 1957.** — 184,872,000 Gallons.  
Received from South Staffordshire Waterworks Company, 112,899,000

**Well.**—Highest, 4ft. 8in.; Lowest, 1ft.

**Treatment Before Distribution.**—The supply is chlorinated en route to the high level reservoir at Hopwas, and the bulk supply from the South Staffordshire Waterworks Company is chlorinated at source.

All dwelling houses in the Borough have a piped supply, either direct into the house or by means of standpipes.

Approximate number of houses supplied :—

				Population
(a) Direct to houses				13,274
	4,190	...	...	...

  

(b) By means of Standpipes				76
	24	...	...	...

**Rainfall.**—The Rainfall for the year 1957 was 22.94in.

With the assistance of the bulk supply from the South Staffordshire Waterworks Company, it was possible to give a continuous supply to all consumers throughout the year, at pressures ranging from 30lbs. to 80lbs.

During the year, 12 samples of water have been obtained by the Health Department from domestic supplies in various parts of the Borough and submitted for bacteriological and chemical examination.

The results were satisfactory. The water is not plumbo solvent. There is a fairly high degree of hardness.

## OPEN-AIR SWIMMING BATHS

Routine samples were taken during the summer months when the baths were open. Bacteriological analyses were all satisfactory. "Break-point" chlorination was used.

These baths are a very valuable health asset to the Borough and are well patronised.

**ANNUAL REPORT  
OF  
THE SENIOR PUBLIC HEALTH INSPECTOR**

---

To the Chairman and Members of the Health Committee.

Mr. Chairman and Gentlemen,

I herewith present my Annual Report for the year 1957.

Difficulty was experienced in filling the vacancy of Additional Public Health Inspector, a period of over one year elapsing, and it was not until November that Mr. G. E. Webb took up his duties. In consequence of which it was only possible for me to cope with the general day to day happenings of the Department. An increase in the number of animals slaughtered also entailed additional meat inspection duties.

This increase in the killings was due to a butcher carrying on a wholesale business and Sunday and late night slaughtering took place throughout the year making Sunday and evening inspections necessary.

**SANITARY ACCOMMODATION**

The number of types of closet accommodation existing at the end of the year is as follows—

No. of Houses	No. of Privies	No. of Pails	No. of Water Closets	Per cent. Dry	Per cent. Water Closets
4,204	6	36	4,931	0.86	99.14

The privy and pail type of closet are in the rural parts of the Borough where no sewer is available.

There are approximately 20 premises served by a system of drainage discharging to cesspools.

## INSPECTIONS.

The following statement shows the number of visits and inspections to various classes of premises.

Visits and Inspections	Number
Inspection of drains of old property ... ...	28
Other inspections of existing property ... ...	296
To work in progress ... ...	384
,, test drains and sanitary fittings ... ...	12
,, premises re infectious diseases ... ...	20
,, tuberculous cases ... ...	4
,, respecting disinfection ... ...	16
,, cowsheds, dairies and milkshops ... ...	38
,, bakehouses ... ...	42
,, slaughterhouses ... ...	596
,, manure steads ... ...	4
,, factories ... ...	39
,, outworkers' premises ... ...	8
,, shops re Shops Acts ... ...	67
,, „, re Meat Regulations ... ...	52
,, food inspection ... ...	246
,, offensive trades ... ...	4
Miscellaneous visits ... ...	92
Housing Acts ... ...	164
Caravans ... ...	62
Rodent Control ... ...	145
	2,319

## COMPLAINTS.

Nature of Complaint				Number Received
Choked passage drain	...	...	...	10
„ slopstone waste pipe	...	...	...	6
„ water closet	...	...	...	34
„ yard drain	...	...	...	8
Defective water closet basin	...	...	...	10
„ dust bin	...	...	...	146
„ wall and ceiling plaster	...	...	...	54
„ house roof	...	...	...	48
„ windows	...	...	...	34
„ kitchen sink	...	...	...	8
„ cooking range	...	...	...	24
„ floors	...	...	...	16
„ doors and frames	...	...	...	18
„ wash-houses and washing coppers	..	..	..	17
„ yard surface	...	...	..	3
„ walls	...	...	...	28
„ gutters	...	...	...	83
„ drains	...	...	...	4
Dampness of house	...	...	...	78
Accumulation of refuse	...	...	...	4
Dirty house	...	...	...	4
General insanitary conditions	...	...	...	3
House infested with vermin	...	...	...	5
Nuisance from keeping animals	...	...	..	4
Accumulation of manure	...	...	...	4
Rat infested premises	...	...	...	72
Emission of smoke	...	...	...	22
Miscellaneous	...	...	...	42
				789

To secure the abatement of these defective conditions, 125 informal notices were served.

**FACTORIES ACT, 1937 & 1948.**

Premises	Number on Register	Number of		Occupiers prosecuted
		Inspections	Written notices	
(i) Factories in which Sections 1, <sup>2</sup> 3, 4 and 6 are to be enforced by Local Authorities ...	14	14	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	94	52	4	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	—	—	—	—
Total ...	... 108	66	4	—

  

Particulars	Number of cases in which defects were found			Number of Cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	
<b>Sanitary Conveniences (§ 7)</b>				
(a) Insufficient ...	—	—	—	—
(b) Unsuitable or defective ...	6	6	—	—
(c) Not separate for sexes ...	—	—	—	—
Total ...	6	6	—	6

Eight persons were returned as Outworkers under the Act, and these were engaged on wearing apparel. Visits were made and in each case the home conditions were considered suitable.

## THE RENT ACT, 1957

This Act came into operation on the 6th July, 1957.

The provisions allow for the increase, within limits, of rents of houses remaining in control and machinery for dealing with repairs.

After a notice of increase in rent has been served, the tenant may serve a notice on his landlord specifying the defects which he thinks should be remedied. The landlord has six weeks in which to do the work or give an undertaking that the work will be done. If he does neither of these things the tenant may apply to the local authority for a certificate of disrepair in relation to the defects specified in his notice to the landlord.

### Period 6th July to 31st December, 1957

1. Number of applications for certificates	...	35
2. Number of decisions not to issue certificates	...	—
3. Number of decisions to issue certificates:		
(a) in respect of some but not all defects	...	31
(b) in respect of all defects	...	4
4. Number of undertakings given by landlords	...	25
5. Number of undertakings refused by Local Authority	...	—
6. Number of certificates issued	...	5

## FOOD HYGIENE REGULATIONS, 1955.

There are twenty-three butchers' shops, six bakehouses and thirty-four food preparing premises in the Borough.

Unfortunately it was not possible, due to staff difficulties, to continue with a systematic survey of all these premises but it is hoped in the near future to continue the survey.

Forty-six premises were visited and in twelve instances hot water supplies and sinks were necessary and in due course provided.

## **DAIRY FARMS, DAIRIES, RETAIL**

### **PURVEYORS OF MILK**

Cowkeepers	...	...	...	10
Dairies	...	...	...	4
Retail Purveyors	...	...	...	12

The Borough of Tamworth is included in a Specified Area and all dairymen who retail milk in the Borough must sell milk under special designation. The special designations authorised to be sold are " Pasteurised," " Sterilised " and " Tuberculin Tested."

One dairy is licensed to pasteurise milk and the principle adopted is by the " Holder " method. The other retailers obtain their supplies pasteurised and bottled from wholesalers.

## **PREVENTION OF DAMAGE BY PESTS ACT, 1949**

An employee of the Council is trained and engaged in part-time rodent control work.

One hundred and forty-five inspections were made and seventy-two premises were found to be infested. The facilities provided by the Council were made available to the owners or occupiers and the infestations were successfully treated by pre-baiting and poisoning.

Half-yearly treatment of the sewers and periodical treatment of the Council's refuse disposal tip has been carried out.

## **SANITARY SUPERVISION OF PLACES OF AMUSEMENT**

The cinemas and other places of entertainment have been periodically inspected with regard to the sanitary accommodation.

The managements have been found anxious to maintain the conveniences in a satisfactory condition, and any defects found have at once been remedied.

**PUBLIC HEALTH (MEAT) REGULATIONS, 1924-1935**

**Slaughter of Animals Act, 1933-1954**

There are six licensed slaughterhouses in the Borough and the following animals have been killed:—

	Cattle.	Calves.	Sheep.	Pigs.
1956	... 1,106	175	4,053	5,303
1957	... 1,662	70	5,409	4,980

During routine inspection, four cases of localised *Cysticercus Bovis* were found. The organs were condemned and the carcasses subjected to refrigeration in accordance with the recommendations.

*Carcases Slaughtered and Examined*

	Cattle excluding Cows	Cows	Cow/ Heifers	Calves	Sheep	Pigs
1956 Number killed	464	115	527	175	4053	5303
1957 Number killed	605	128	929	70	5409	4980
Number Inspected ...	605	128	929	70	5409	4980
<b>Diseases except Tuberculosis</b>						
Whole carcases condemned ...	—	5	—	2	6	6
Carcases of which some part or organ was condemned ...	42	29	124	—	153	216
Percentage of the number inspected affected with disease other than Tuberculosis ...	7.0	26.5	13.3	2.8	2.9	4.4
<b>Tuberculosis only</b>						
Whole carcases condemned ...	—	—	—	—	—	3
Carcases of which some part or organ was condemned ...	28	27	34	—	—	71
Percentage of the number inspected affected with Tuberculosis ...	4.6	22.0	3.6	—	—	1.5
<b>Cysticercus Bovis</b>						
Carcases of which some part or organ was condemned ...	1	2	1	—	—	—
Submitted to refrig- eration ... ...	1	2	1	—	—	—
Generalised & totally condemned ...	—	—	—	—	—	—

TABLE SHOWING CARCASSES CONDEMNED AND DISEASED CONDITIONS.

Cattle	Calves	Sheep	Pigs	Disease	Weight in lbs.
			3	Generalised Tuberculosis	604
			3	Septicaemia	350
1	1	2		Emaciation	420
3				Johnnes Disease	970
1				Oedema	310
				Immature	35
			1	Jaundice	90
			1	Uraemia	280
	1			Peritonitis	40
5	2	6	9		3,099

Organs Condemned				Weight in lbs.
Cattle	...	...	...	3,605
Calves	...	...	...	—
Sheep	...	...	...	81
Pigs	...	...	...	676
				4,362
Whole and part carcasses	...	...	...	3,099
Other Foods	...	...	...	1,266
Total amount condemned	...	...	...	8,727

= 3 tons 17 cwt. 3 qrs. 19 lbs.

I am, gentlemen,

Your obedient servant,

H. BIRCHWOOD,

SENIOR PUBLIC HEALTH INSPECTOR.





